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| Substitute for form 1449A/B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                  |
|  |   |    |   | Application Number       | NEW APPLICATION  |
|  |   |    |   | Filing Date              | October 5, 2004  |
|  |   |    |   | First Named Inventor     | Naoya Amino      |
|  |   |    |   | Art Unit                 | N/A              |
|  |   |    |   | Examiner Name            | Not Yet Assigned |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | AOK-0230         |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
| PDM                      | BA                       | JP-62-101641-A1   | 05-12-1987                        | TOKAI CARBON CO LTD                                |   |                |
| ↓                        | BB                       | JP-63-286446-A1   | 11-24-1988                        | TOKAI CARBON CO LTD                                |   |                |
| ↓                        | BC                       | JP-63-289041-A1   | 11-25-1988                        | BRIDGESTONE CORP                                   |   |                |
| ↓                        | BD                       | JP-64-20246-A1  | 01-24-1989                        | BRIDGESTONE CORP                                   |   |                |
| ↓                        | BE                       | JP-09-176513-A1   | 07-08-1997                        | DEGUSSA AG   |   |                |
| ↓                        | BF                       | JP-07-330958-A1   | 12-19-1995                        | TOKAI CARBON CO LTD                                |   |                |
| ↓                        | BG                       | JP-10-130424-A1   | 05-19-1998                        | ASAHI CARBON KK                                    |   |                |
| ↓                        | BH                       | JP-10-330544-A1   | 12-15-1998                        | KINUGAWA RUBBER IND<br>CO LTD                      |   |                |
| ↓                        | BI                       | JP-2000-154327-A1   | 06-06-2000                        | NIPPON SHOKUBAI CO LTD                             |   |                |
| PDM                      | BJ                       | JP-2001-207080-A1   | 07-31-2001                        | mitsubishi chemicals<br>CORP                       |   |                |

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| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| PDM                             | CA                       | Akimasa Doi, "Recent Technology Trends for Tire", Nippon Gomu Kyokaishi, Volume 71, p.588-594 (1998)  |                |

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|-----------------------|------------------------------|--------------------|--|
| Examiner<br>Signature | /Peter Mulcahy/ (01/06/2007) | Date<br>Considered |  |
|-----------------------|------------------------------|--------------------|--|